

## **APPARATUS AND METHOD FOR DATA BUFFERING**

### **ABSTRACT OF THE DISCLOSURE**

Memory segment overwrites are detected by providing a redundant header at the end of a segment and comparing a redundant header to an initial header. In specific embodiments, overwrites may be detected both after segment writes and prior to buffer reads. In further embodiments, some header overwrite errors may be corrected to increase the mean time between failure of a logic system.